## Recreational Use Attainability Analysis

#### **Cover Sheet**

Water Body Name: Racoon Creek
Water Body Identification #: [ららん。
Completed UAA Checklist:
G Pre-Field Preparatory Data Sheet
G Maps with actual survey sites marked
G Data Sheet A
G Data Sheet $B-3$ of 3 pages for each site
o Number of Sites: 3
G Data Sheet C (if applicable)
Number of Interviews:
G Photographs
O Quantities
■ Upstream <u>3</u>
• Downstream 3
• Other 3 _ 5 \(\cdot - 1 - 2 \) 3 - 6 \(\cdot \)
I the undersigned beauty of
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UA. is true and accurate.
is true and accurate.
Signed: Jessug (Nowly Date: 7/23/06
Printed Name: Sessica Cowley Telephone #: 410-356-8993
1 creptione #. 410- 336- 8413
Organization: letra techine. Position: Scientist

### <u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: Racoun (100 (from USGS 7.5' quad)	eK
8-digit HUC: 10280102	Missouri Water Body Identification (WBID) #: 2580
County: Davies	, 556
Upstream Legal Description:	
Downstream Legal Description:	
Discharger Facility Name(s):	
Discharger Permit Number(s): N/A	
Weather Conditions for Past 7 days:	
L Sanny, a	varm 750

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

WBID # <u>05 86</u>

Date: 7 /23 /06

## Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet A - Water Body Identification

Water Body Name: Raccon (reek

WBID #: DS 8 6

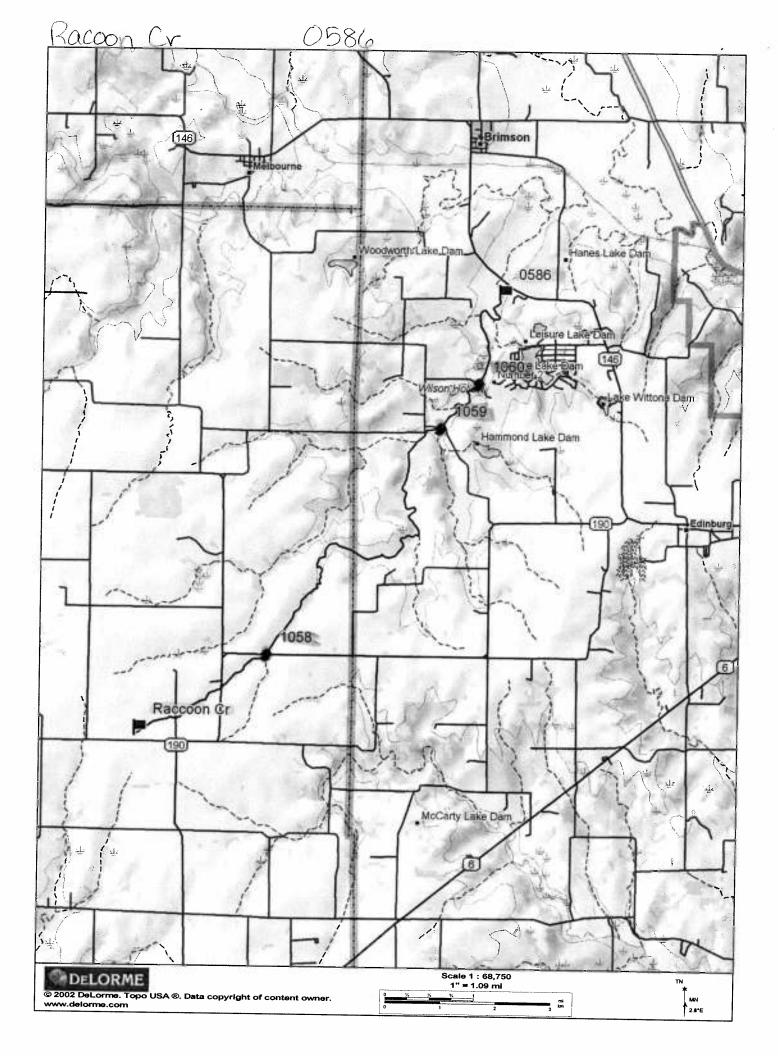
Upstream Coordinates: 40.06060
(WGS 84, ddd.ddddd) -93.78265

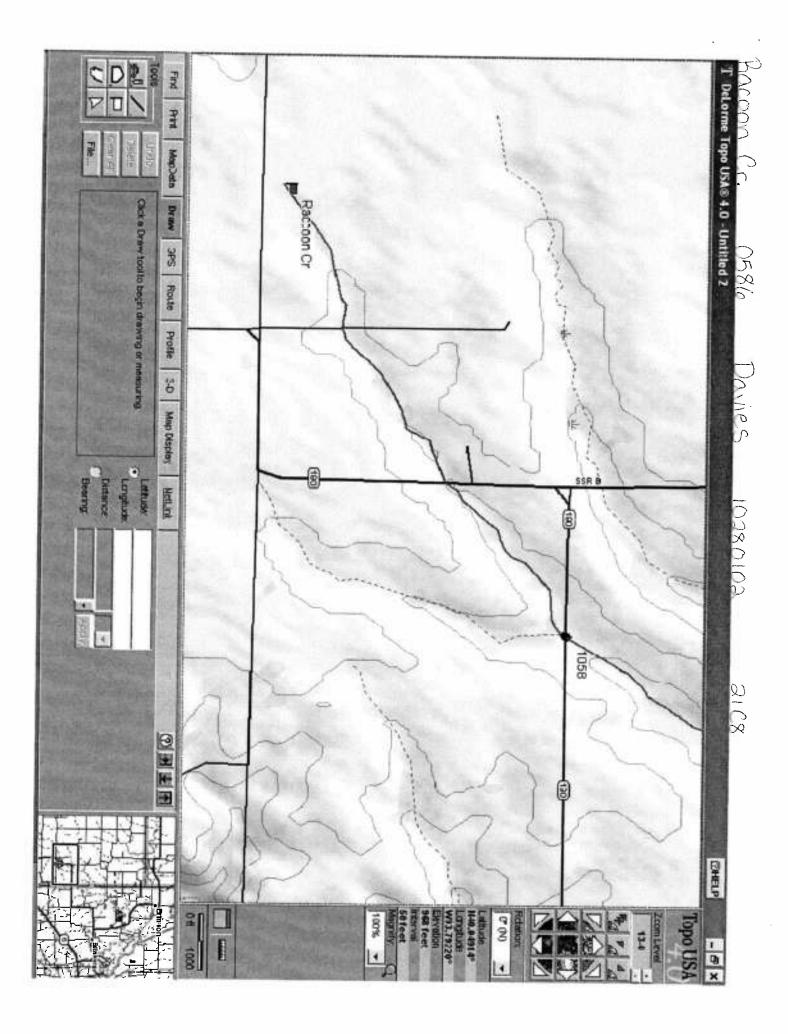
Downstream Coordinates: 40.10476
(WGS 84, ddd.ddddd) -93.73808

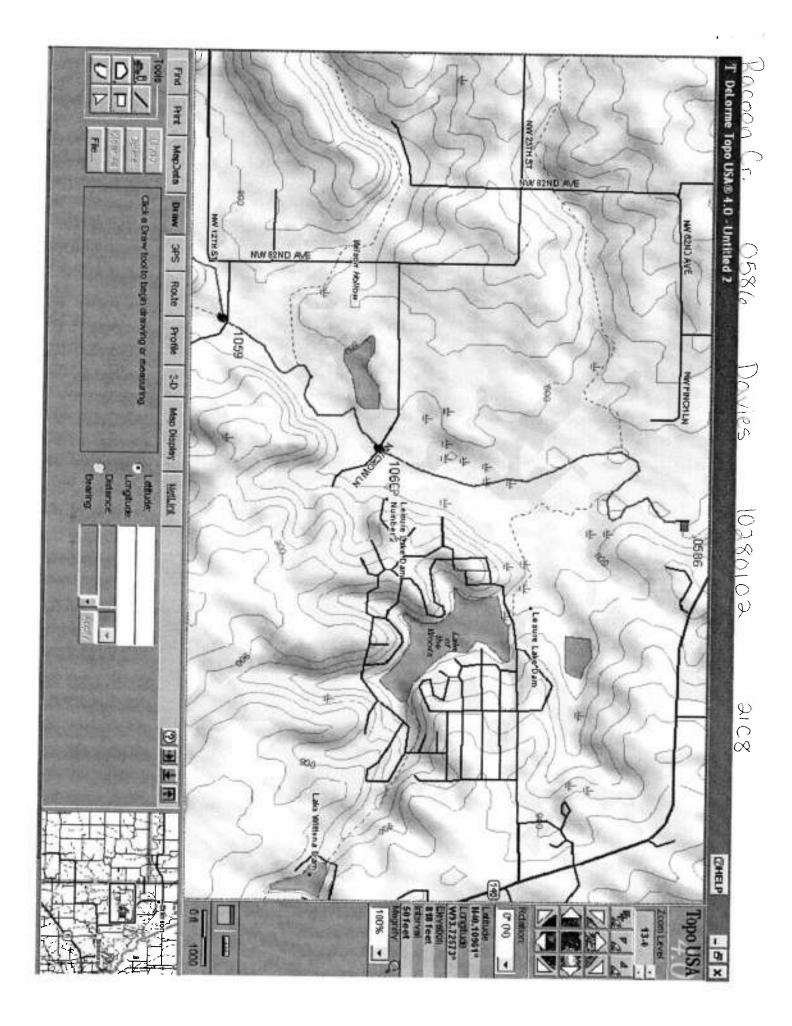
Current Weather Conditions: warm, sarry 75°

Number of Sites Evaluated: 3

Name(s) of Surveyor(s): DB, 36







WBID # <u>C&&Co</u> Site # <u>| C&&</u>

Date: 7 / 23 / 06

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Longitude (ddd.dddd	10.06060 1): -93. 78265		0773 -	
Filoto Ids: Upstream	n:	Downstream:	0730 Other:	
#	92	#21		
rrative Description	on of Location: (De	escribe access point to stream,		
				.)
At a road c	crossing v	la road culves	7	
rrounding Condit	ions*: (Mark all that	promote or impede recreationa	al uses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands		
☐ Boating accesses	☐ State parks	□ National forests		☐ Campgrounds
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Nature trails	☐ Stairs/walkway
		□ Steep slopes	☐ Other:	
man Uses Observe	ed*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing		
Describe: (include nun	nber of individuals reci	reating, frequency of use, photo	o-documentation of evidence	of recreational uses, at
				or recreational uses, en
lence of Human U	~~*·			
□ Roads	T :			
☐ Rope swings	☐ Foot paths/print		☐ Livestock Watering	☐ RV / ATV Tracks
Other:	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
_ oner.				
ces of Pollution: (e	o trach dumning	an desire to		

ite:					
	Data	Sheet B - Site Ch	aracterization – 2	of 3	
eam Mor					
Орзиван	Distance from access point (m)	ensions:  Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m
□ Riffle				3 P ()	Wax Deptii (iii
□ Run					
Pool	10	, N/A	N/A	1/4	+
Flow	Present?	No	Velocity (ft/sec):	1 10/2	N/A
Josephan	V: DI 1.71			no massurat	
JUWIKITES	m Viam Dhriciaal IX				/ [٨/]
· · · · · · · · ·	m View Physical Di				
	Distance from access point (m)	mensions: Width (m)	Length (m)	Avg. Depth (m)	T
□ Riffle	Distance from		Length (m)	Avg. Depth (m)	1
□ Riffle	Distance from		Length (m)	Avg. Depth (m)	T
□ Riffle □ Run	Distance from		Length (m)		Max Depth (m)
□ Riffle	Distance from access point (m)	Width (m)	7	· 2	Max Depth (m)
□ Riffle □ Run □ Pool □ Flow	Distance from access point (m)  Present?	Width (m)	7		Max Depth (m)
□ Riffle □ Run □ Pool □ Flow strate*: (7)	Distance from access point (m)  Present?  Yes  These values should add u	Width (m)  1.5  No  up to 100%.)	Velocity (ft/sec):	· 2 o mascrable	Max Depth (m)
□ Riffle □ Run □ Pool □ Flow strate*: (7)	Distance from access point (m)  Present?	Width (m)  1.5  No  up to 100%.)	Velocity (ft/sec):	· 2	Max Depth (m) . 25
□ Riffle □ Run □ Pool □ Flow strate*: (7	Distance from access point (m)  Present?  Yes  These values should add u	Width (m)  1.5  No  sp to 100%.)  vel % 5	Velocity (ft/sec): No. Sand 100 % S	· 2 o mascrable Silt % Mud/Clay	Max Depth (m)

Water Characteristics\*: (Mark all that apply.)

		ir that apply.)			
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□ None	1704-0-0-1
Color:	☐ Clear	П.С	7	······································	Other: anaembic
Potto- D		☐ Green	☑ Gray	□ Milky	☐ Other:
Bottom Deposit:	☐ Sludge	☐ Solids	✓ Fine sediments	□ None	☐ Other:
Surface Deposit:	□ Oil	П с.			Li Offier.
<u> </u>		□ Scum	☐ Foam	None	☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 0586 Site # 1058

Date: 7/33/06

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
upstream portion of channel was dry.	_
	_

WBID # <u>0586</u> Site # <u>1058</u>	
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Date: 7/23/06

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

11 30, pic	ersonally used the	us water body for r that apply:	ecreation since 1975?	☐ Yes ☐ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
11 30, pice	ise check ALL t	ing this water body hat apply:	for recreation since 1	975? □ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	□ Trapping	☐ Fishing	☐ None of the above	☐ Other:
(	G More than G 1 – 5 times G Less than 1	rved it being used f 5 times per year per year time per year – pl		
Additional Co				

Telephone #:

WBID# <u>058(。</u>	_Site#	1059
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Date: 7 / 33/06

# Field Data Sheets for Recreational Use Stream Surveys

# Data Sheet B - Site Characterization – 1 of 3

(A separate Data Sheet B must be completed for each site)

			or or complet	ed for each sit	<i>c)</i>	
Latitude (ddd.dddd):	40.09358			Arri	ival Time:	
Longitude (ddd.dddd):	Longitude (ddd.dddd): -93.74599				1907	
Down				Oth	2 <u>000</u>	
+	93	#2	#25		#24 Steep Slapes	
L				·	· 095	leep Slapes
arrative Description	of Location: (De	scribe access j	point to stream, r	earby roads Jan	imarks etc	,
	At a read	1 /hords	De 0		andres, etc	.)
		21/01/9	je chossi	ing		
				<u> </u>		
rrounding Conditions of interest.)	ns*: (Mark all that	promote or imp	ede recreational	uses. Attach pho	otos of evid	ence or unusual
		T	· · · · · · · · · · · · · · · · · · ·			
☐ City/county parks	☐ Playgrounds	☐ MDC cor	servation lands	☐ Urban ar	eas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature tra	ails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	Steep slop	es	☐ Other:		
man Uses Observed	*-					
☐ Swimming	T					
	☐ Skin diving		JBA diving	☐ Tubing		☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading		☐ Rafting
Describes (include and	Trapping	☐ Fish	ing	☑ None of t	the above	☐ Other:
Describe: (include numb	er of individuals reci	eating, frequer	ncy of use, photo	-documentation	of evidence	of recreational uses, etc
dence of Human Use	·*•					
□ Roads				1		
☐ Rope swings	☐ Foot paths/print		k/platform	☐ Livestock	Watering	☐ RV / ATV Tracks
	☐ Camping Sites	☐ Fire	pit/ring	☐ NPDES D	ischarge	☐ Fishing Tackle
Other:						
roos of Dollastians						
rces of Pollution: (e.g	., trash dumping, tir	es, drainages, o	lischarges, etc.)			

	<u>586</u> Site 33 <i>1</i> 06	:# <u>10</u> 6	39			4
•		Data	Sheet B - Site Ch	aracterization – 2	of 3	
ream Mor Upstream	1 View Physic	cal Dime	ensions:			
	Distance access poin	from	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
Run						
<b>⊢</b> /	1 1					i
Pool	15		7 2.5	8	.2	. 3
Flow	Present?	□ Yes `	No No	Valority (C/	·2 10 measarak	
Flow		☐ Yes	No No	Valority (C/		ole flow
Flow	Present?  am View Phy Distance f	☐ Yes	No No mensions:	Velocity (ft/sec): γ	10 measarak	
Flow  Downstre	Present?  am View Phy Distance f	☐ Yes	No No mensions:	Velocity (ft/sec): γ	10 measarak	ole flow
Flow  Downstre	Present?  am View Phy Distance f	☐ Yes	No No mensions:	Velocity (ft/sec): Y  Length (m)	Avg. Depth (m)	Max Depth (m)
Flow  Downstre	Present?  am View Phy Distance f access poin	Yes Yes Ysical Dir	Mensions: Width (m)	Velocity (ft/sec): Y	Avg. Depth (m)	Max Depth (m)
Flow  Pool Flow	Present?  am View Phy Distance f access poin  Present?	Yes Yes	Monomensions: Width (m)	Velocity (ft/sec): Y	Avg. Depth (m)	Max Depth (m)
□ Riffle □ Run □ Pool □ Flow	Present?  am View Phy Distance f access poin	Yes Yes	Mensions: Width (m)  Solve No	Velocity (ft/sec): Y  Length (m)  15  Velocity (ft/sec): Y	Avg. Depth (m)	Max Depth (m)  . G  Le Flow

assessment site.)
some algae

Water Characteristics\*: (Mark all that apply.)

Odor:		FF-7-0				
Odol.	☐ Sewage	☐ Musky	☐ Chemical	□ None	♥ Other:	
Color:	☐ Clear	П С			Totaler.	
<b>D</b>		☐ Green	☑ Gray	☐ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	D 0.1	
Surface Deposit:			— 1 me seaments	Li None	☐ Other:	
Surface Deposit.	□ Oil	☐ Scum	☐ Foam	None	☐ Other:	
					Li Other.	

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # <u>0586</u> Site # <u>1059</u>

Date: <u>7</u> / 23/06

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticip conditions, problems in measuring, site relocation).	ated unique local

WBID # <u>0586</u> Site # <u>(059</u>

Date: 7 1 33 06

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe	ersonally used the	is water body for r that apply:	ecreation since 1975?	□ Yes □ No	
☐ Swimming	☐ Skin diving	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:	
3. Have you obs		ing this water body	lease describe:		
☐ Swimming					
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:	
(	More than $1 - 5 \text{ times}$ G Less than 1	rved it being used f 5 times per year per year time per year – plo			

Telephone #:

WBID #<u>0586</u> Site # <u>1060</u>

Date: 1 / 23/ 06

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	40 4173			<del></del>				
Longitude (ddd.dddd): -93.73804					Arrival Time:			
Photo Ids: Upstream:	Photo Ids: Upstream: Downstream:					<u> </u>		
	#78				Other: #200 moretrasi			
π.	<del>)</del> 8		#2Ce		O820 Other: #29 moretrash #29 tire Hrash			
Narrative Description	Narrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.)							
	at a road / bridge crossing							
Surrounding Condition items of interest.)	ns*: (Mark all that	prom	ote or impede recreational u	ises. Attac	ch photos of evide	ence or unusual		
☐ City/county parks	□ Playgrounds		MDC conservation lands	☐ Urb	an areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ State parks ☐ National forests		☐ Nature trails		☐ Stairs/walkway		
☐ No trespass sign	☐ Fence ☐ Steep slopes		☐ Other:					
Human Uses Observed	*:		1					
Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tul	oing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading		☐ Rafting		
☐ Hunting	☐ Trapping ☐ Fishing		☐ Fishing	None of the above				
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)								
Evidence of Human Use	2*:							
☐ Roads	☐ Foot paths/prin	ts	□ Dock/platform □		stock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge		☐ Fishing Tackle		
☐ Other:						j = 1 soming Tackie		
Sources of Pollution: (e.ş	g., trash dumping, tir	es, dr	ainages, discharges, etc.)					
tras	ht tire	· · · · · · · · · · · · · · · · · · ·						

WBID #<u>0586</u> Site # <u>1060</u>

Date: 1/33/06

Surface Deposit:

□ Oil

□ Scum

#### Data Sheet B - Site Characterization - 2 of 3

	Distance from access point (m)	Width (m)	Length (n	n)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□,Run						
D Pool	5	. 60	50		. 4	.10
Flow	Present?	No	Velocity (ft/se	:c): <b>V</b>	megsurah	10 []
Downstrae	m View Physical I	\:			(400.14!)	1109)
DOWIISTI CA	Distance from access point (m)	Width (m)	Length (n	n) /	Avg. Depth (m)	Max Depth (m)
□ Riffle						
Run						
Pool	20	5	15		. \	. 25
Flow	Present?	No No	Velocity (ft/sec	c): NO V	neasurabl	
ostrate*: (	These values should ad	dun to 100%)				
			6 Sand 40	% Silt	% Mud/Clay	% Bedro
ıatic Vege	tation*: (Note amour	,				1 70 Deare
	v (r vote union	it of vegetation of alga	ii growtii at tile asso	essment site	:.)	
	Grinne	agae				
	500	( )				
· · · · · · · · · · · · · · · · · · ·						
	cteristics*: (Mark all					
Odor:		that apply.)	☐ Chemical	None	☐ Other:	
ter Charae Odor: Color: Bottom Depo	cteristics*: (Mark all Sewage  Clear	that apply.)  ☐ Musky  ☐	Chemical Gray	None Milky	☐ Other:	

☐ Foam

W None

☐ Other:

<sup>\*</sup>This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID# 0586 Site# 1060

Date: 1/23/06

## Data Sheet B - Site Characterization - 3 of 3

<b>Comments:</b> Please describe any departures from protocol and the reasons for departure (e.g., unanticipated un conditions, problems in measuring, site relocation).	ique local

WBID # 0586 Site # 060

Date: 7 / 23/ 06

# Field Data Sheets for Recreational Use Stream Surveys

## Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, how	in the area?   Valong have you			views)			
2. Have you pe	rsonally used th	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:			
How often do you use it for recreation?  G More than 5 times per year  G 1-5 times per year  Less than 1 time per year – please describe:  3. Have you observed others using this water body for recreation since 1975?   Yes No							
☐ Swimming	se check ALL the Skin diving						
☐ Wind surfing	☐ Kayaking	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Hunting	Transing DELL		☐ Rafting				
How often have you observed it being used for recreation?  G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:							
4. Additional Co	mments:						
Contact Informat Name:	t <b>ion</b> (if willing t	o provide):					

Address:

Telephone #:

#### **WBID# 0586**



Site# 1058 Photo ID# 22, Upstream



Site# 1059 Photo ID# 23, Upstream



Site# 1058 Photo ID# 21, Downstream



Site# 1059 Photo ID# 25, Downstream

#### **WBID# 0586**



Site# 1059 Photo ID# 24, Steep slopes



Site# 1060 Photo ID# 26, Downstream



Site# 1060 Photo ID# 28, Upstream



Site# 1060 Photo ID# 27, Tire trash

## **WBID# 0586**



Site# 1060 Photo ID# 29, Trash